(Complete (if applicable))

Date

Telephone (617) 951-7653

January 9, 2004

Approved for use through 7/31/2006. OMB 0651-0032
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Effective 10/01/2003, Patent fees are subject to annual revision.

110.00

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

09/517491 **Application Number** March 2, 2000 Filing Date Vivian Berlin First Named Inventor R. Zeman Examiner Name 1645 Art Unit APBI-P06-036 Attorney Docket No.

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METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit Money Other None	3. A	DDITIO	ONAL	FEES		
Card Corder C	o. Abbillottal Elec					
X Deposit Account:	Large	Entity	Small	Entity		
Deposit Account 18-1945		Fee Fee Fee		Fee	- For Description	
Number	Code	(\$)	Code	(\$)	Fee Description	Fee Paid
Deposit Pence & Croy I I P	1051	130	2051	65	Surcharge - late filing fee or oath	
Account Ropes & Gray LLP	1052	50	2052	25	Surcharge - late provisional filing fee or cover	
The Director is authorized to: (check all that apply)	1032	30	2032	25	sheet.	
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification	
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1.840*	1805	1 940*	Requesting publication of SIR after	
to the above-identified deposit account.		·			Examiner action	55.00
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	55.00
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	$\vdash$
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
005 160 2005 80 Provisional filing fee		1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00		110	2452	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$) 0.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	<u> </u>
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fee	
otal Claims -** =   x   =		640	2503	320	Plant issue fee	
Independent = x =	1460	130	1460	130	Petitions to the Commissioner	
Claims Multiple Dependent		50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Code (\$)   Code (\$)	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3	""				(37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20		900	1802	900	Request for expedited examination of a design application	
and over original patent	Other	fee (spe	cify)		Terminal Disclaimer 1.20(d)	55.00
SUBTOTAL (2) (\$) 0.00		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5)			110.00	
**or number previously paid, if greater; For Reissues, see above		, .				

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54,408

SUBMITTED BY

Signature

Name (Print/Type) Melissa S. Rones, Ph.D.